

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:17 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 018 Const Calendar Day: 517 Date: 07-Feb-2011 Monday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Continuous

Shift Hours: 07:00 AM 06:00 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 10-Mar-11 Status: Approved

**04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

**Tower Bolting**

Tensioning of A490M bolts at Elevation 65m:

Tensioning continued today at the following locations:

- The strut side of A-West-Inner bottom flanges
- The strut side of A-West-Outer bottom flanges
- Inside the South shaft, on the top and bottom flanges of A-West-Inner & A-West-Outer

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ABF was performing some informal torque verification on some connections to see if the bolting sequence being used is working well. Generally speaking, the results of the informal verification were not good. Quite a few of the tested bolts failed. The bolts that failed had mostly been tensioned using the hydraulic torque wrench in tight locations. The crew spent a large amount of the shift doing trial and error to try to get a workable sequence.

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**Splice #1:**

Installation of bolts was ongoing today at Splice #1, South shaft, Skin plates. Prior to snugging the bolts, bottle jacks with a rod through several bolts holes were used to bring the plies into firm contact (see attached photo). Below is a list of the locations where each RoCap set number was installed.

RoCap set # DH4GM270004 (200mm in length) were installed at the following locations:

- South, Skin B, Columns B16 & B17
- South, Skin C, Columns C1 & C2

RoCap set # DH4GM270005 (280mm in length) were installed at the following locations:

- South, Skin E, All columns except E6, E9, E10, E11, & E14 (location of temp bolts)

RoCap set # DH4GM270013 (270mm in length) were installed at the following locations:

- South, Skin A, All columns except A5, A6, A9, A13, & A14 (location of temp bolts)
- South, Skin B, Columns B14 & B15

RoCap set # DH4GM270021 (240mm in length) were installed at the following locations:

- South, Skin B, Columns B1, B2, B3, B6, B7, B10, & B11
- South, Skin D, Columns D18, D19, D20, & D22

**04-0120F4 Bid Item: 053 T-L02-STW.053 Tower Lift 02 Strut West Erect structural steel (bridge tower)**

AMERICAN BRIDGE/FLUOR, A JV



ddrRptbyBidItem

## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name: Wright, Doug

Diary #: 018

Date: 07-Feb-2011

Monday

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	Lorenzo Padilla	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	RICHARD CHOUINARD	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	ROGELIO RUIZ	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	CHARLIE GIGUERE	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	EDWARD MEYER	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	DAVID LUCERO	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	John Chapman	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	APP	Wu	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	APP	Tan	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	Matthew Greer	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	FOR	KEVIN KARBER	8.00	2.00	0.00	10.00		<input type="checkbox"/>

### Attachment



Jacks being used to bring splice plate plies into firm contact